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1 1. A method of expressing an exogenous gene in a
2 mammalian cell, said method comprising:
3 a) introducing into the cell a baculovirus whose
4 genome comprises said exogenous gene; and
5 b) allowing said cell to live under conditions such
6 that said exogenous gene is expressed.

1 2. The method of claim 1, wherein said baculovirus
2 is a nuclear polyhedrosis virus.

1 3. The method of claim 2, wherein said baculovirus
2 is an *Autographa californica* virus.

1 4. The method of claim 3, wherein said genome lacks
2 a functional polyhedron gene.

1 5. The method of claim 1, wherein said genome
2 further comprises a promoter of a long-terminal repeat of a
3 transposable element.

1 6. The method of claim 1, wherein said genome
2 further comprises a promoter of a long-terminal repeat of a
3 retrovirus.

1 7. The method of claim 6, wherein said retrovirus
2 is Rous Sarcoma Virus.

1 8. The method of claim 1, wherein said genome
2 further comprises a polyadenylation signal and an RNA
3 splicing signal.

1 9. The method of claim 1, wherein said genome
2 further comprises a cell-type-specific promoter.

1 10. The method of claim 1, wherein said cell is a
2 hepatocyte.

1 11. The method of claim 1, wherein said mammal is a
2 human.

1 12. The method of claim 1, wherein said cell
2 comprises an asialoglycoprotein receptor.

1 13. The method of claim 1, wherein said gene
2 encodes carbamoyl synthetase I.

1 14. The method of claim 1, wherein said gene encodes
2 ornithine transcarbamylase.

1 15. The method of claim 1, wherein said gene
2 encodes arginosuccinate synthetase.

1 16. The method of claim 1, wherein said gene
2 encodes arginosuccinate lyase.

1 17. The method of claim 1, wherein said gene
2 encodes arginase.

1 18. The method of claim 1, wherein said gene
2 encodes a gene product selected from the group consisting of
3 fumarylacetoacetate hydrolase, phenylalanine hydroxylase,
4 alpha-1 antitrypsin, glucose-6-phosphatase, low-density-
5 lipoprotein receptor, and porphobilinogen deaminase, factor
6 VIII, factor IX, cystathione β -synthase, branched chain

7 ketoacid decarboxylase, albumin, isovaleryl-CoA
8 dehydrogenase, propionyl CoA carboxylase, methyl malonyl CoA
9 mutase, glutaryl CoA dehydrogenase, insulin, β -glucosidase,
10 pyruvate carboxylase, hepatic phosphorylase, phosphorylase
11 kinase, glycine decarboxylase, H-protein, T-protein, Menkes
12 disease protein, and the product of Wilson's disease gene
13 pWD.

1 19. The method of claim 1, wherein said baculovirus
2 is introduced into said cell by administering said
3 baculovirus to a mammal comprising said cell.

1 20. The method of claim 1, wherein said baculovirus
2 is introduced into said cell in vitro.

1 21. A method of treating a gene deficiency disorder
2 in a mammal, comprising:
3 a) introducing into a cell a therapeutically
4 effective amount of a baculovirus whose genome comprises an
5 exogenous gene; and
6 b) allowing said cell to live under conditions such
7 that said exogenous gene is expressed in said mammal.

1 22. The method of claim 21, wherein said mammal is
2 a human.

1 23. The method of claim 22, wherein said cell is a
2 hepatocyte.

1 24. The method of claim 21, wherein said cell
2 comprises an asialoglycoprotein receptor.

1 25. The method of claim 21, wherein said gene
2 encodes a gene product selected from the group consisting of
3 carbamoyl synthetase I, ornithine transcarbamylase,
4 arginosuccinate synthetase, arginosuccinate lyase, arginase
5 fumarylacetoacetate hydrolase, phenylalanine hydroxylase,
6 alpha-1 antitrypsin, glucose-6-phosphatase, low-density-
7 lipoprotein receptor, porphobilinogen deaminase, carbamoyl
8 synthetase I, ornithine transcarbamylase, arginosuccinate
9 synthetase, arginosuccinate lyase, arginase, factor VIII,
10 factor IX, cystathione β -synthase, branched-chain ketoacid
11 decarboxylase, albumin, isovaleryl-CoA dehydrogenase,
12 propionyl CoA carboxylase, methyl malonyl CoA mutase,
13 glutaryl CoA dehydrogenase, insulin, β -glucosidase, and
14 pyruvate carboxylase, hepatic phosphorylase, phosphorylase
15 kinase, glycine decarboxylase, H-protein, T-protein, Menkes
16 disease protein, and the product of Wilson's disease gene
17 pWD.

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